

RECEIVED
CENTRAL FAX CENTER
AUG 07 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 6 (canceled)

Claim 7 (currently amended): A method of operating a frequency converter circuit having at least two outputs respectively connected to a load, the method which comprises:

operating a first output at a first switching frequency and simultaneously operating a second output at a second switching frequency different from the first switching frequency to produce noise having a frequency generated by a superposition of the first switching frequency and the second switching frequency;

operating the converter circuit to set the first switching frequency and the second switching frequency such that the frequency of the noise is lower than a first cut-off frequency and/or or higher than a second cut-off frequency, the second cut-off frequency being higher than the first cut-off frequency; and

Applic. No. 10/578,107
Response Dated August 7, 2008
Responsive to Office Action of May 21, 2008

regulating an electrical power of at least one of the first
and second outputs by adjusting the switching frequency and
the relative switch-on time.

Claim 8 (previously presented): The method according to claim 7, wherein the load is an induction coil.

Claim 9 (canceled)

Claim 10 (canceled)

Claim 11 (previously presented): The method according to claim 7, which comprises determining the first cut-off frequency and/or the second cut-off frequency in dependence on a level of the noise.

Claim 12 (previously presented): The method according to claim 7, which comprises determining the first cut-off frequency and/or the second cut-off frequency in dependence on a total electrical power of the outputs.

Claim 13 (previously presented): The method according to claim 7, which comprises setting the first cut-off frequency at 2 kilohertz and/or setting the second cut-off frequency at 14 kilohertz.

Appl. No. 10/578,107
Response Dated August 7, 2008
Responsive to Office Action of May 21, 2008

Claim 14 (new): The method of claim 11, further comprising the step of estimating a level of the noise using the first and second switching frequencies of the first and second outputs and the electrical power supplied to the loads.

Claim 15 (new): The method of claim 7, wherein:

the first switching frequency is determined according to the required electrical power;

the relative switch-on time of 0.5 is used for the first output; and

the electrical power of the second load is adjusted using the relative switch-on time and the second switching frequency, and taking into account the first and second cut-off frequencies.

Claim 16 (new): The method of claim 7, wherein the frequency of the noise corresponds to a difference between the second switching frequency and the first switching frequency.